

# POWER STABILIZING APPARATUS FOR A BICYCLE ELECTRICAL COMPONENT

## Abstract

A bicycle electrical control circuit provides power and control signals to a plurality of bicycle components. The circuit comprises a power circuit that provides a power signal for the plurality of bicycle components, a control circuit that provides a control signal that controls at least one of the plurality of bicycle components, and a power stabilizing circuit coupled to the power circuit. The power stabilizing circuit stabilizes power provided from the power signal to at least one of the plurality of bicycle components.